BUILDDECK
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Technical Specification
Composite Cladding

Installation Instructions: builddeck.co.uk/installation-guides
Quotations: builddeck.co.uk/composite-decking-calculator

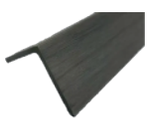
Dimensions:	**Width: 145 mm | Depth: 21 mm**
Available Lengths:	**3600 mm**
Coverage	**126 mm**
Design / Finish:	**Co-Extruded, Fully Capped / Woodgrain**
Colour Options:	**Grey and Redwood**
Installation Options:	**Concealed Clip and Traditional Screw**
Other:	**Leaves no Tear or Watermarks**

Test	Method	Result
Appearance	EN 15534-1:2014+A1:2017 Section 6.1 EN 15534-4: 2014 Section 4.3	Test specimens ware no crack, no blister and other visible defects.
Resistance to artificial weathering	EN 15534-1:2014+A1:2017Section 8.1 EN 15534-4: 2014 Section 4.5.5 ISO 4892-2: 2013, cycle 1	After 2000h exposure: △ L*= 3.38 △ B*= -0.35 △ a*= -0.25 Grey Scale= 3 △ E*= 3.44
Moisture resistance under cyclic test conditions	EN 15534-1:2014+A1:2017 Section 8.3.2 EN 15534-4: 2014 Section 4.5.5	Original MOR: 29.4 MPa **After exposure,** Mean MOR: 24.5 MPa Mean Decrease: 17 % Min. MOR: 23.8 MPa Max. Decrease: 19%
Boiling Test	EN 15534-1:2014+A1:2017 Section 8.3.3 EN 15534-4: 2014 Section 4.5.5	Water absorption in weight: Mean: 1.31% Max: 1.37 %
Linear thermal expansion coefficient	EN 15534-1:2014+A1:2017 Section 9.2 EN 15534-4: 2014 Section 4.5.6	Mean: 37.7 10-6 K-1
Degree of chalking	EN 15534-1:2014+A1:2017 Section 10.1 EN 15534-4: 2014 Section 4.5.7 EN ISO 4628-6:2007	After 2000H aging testing: There was no chalking on the test specimens.
Reaction to Fire	**EN 13501-1 : 2018**	**E**

Grey

Redwood

Accessories

	Starter Clip 30 x 30 x 14 mm Stainless Steel			L-Shape Trim 140 x 22 mm 3600 mm

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